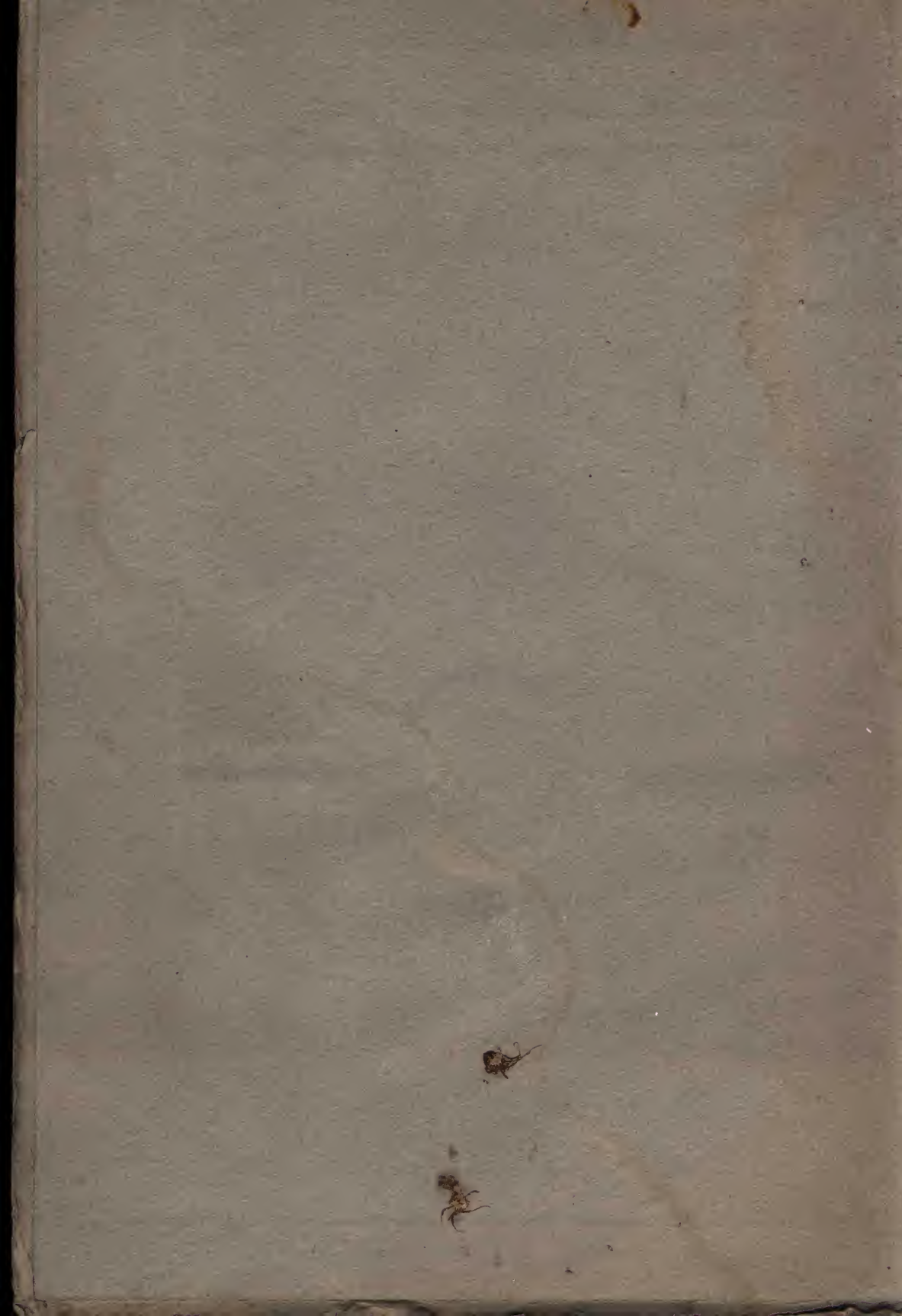


HORSESHOE BRAND BRUSHES



PITTSBURGH PLATE GLASS CO.

Manufacturers and Distributors



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A Catalog of
HORSESHOE BRAND
BRUSHES



1924

PITTSBURGH PLATE GLASS CO.

Branches in Principal Cities

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PITTSBURGH PLATE GLASS CO.

Foreword

IN the following pages you will find described in detail the Standardized Line of Horseshoe Brand Brushes.

Constantly studying and experimenting to improve our product, we have developed and refined a selection of painters' tools that will fill every practical requirement, from the demands of the critical professional painter to the wants of the householder who buys only an occasional brush. And still the line offered has been greatly condensed; all unnecessary and obsolete types have been omitted. Every reasonable painting need has been considered and met with a brush that has behind it the skill and knowledge that come from 75 years or more of brush making experience, as well as a complete knowledge of paint and varnish products.

In designing and manufacturing these brushes we have been guided always by one great principle: *proper paint and varnish application*. The service and satisfaction which paint and varnish give depend upon their application, and so the importance of the brush cannot be overestimated.

In making your selection from the following pages you can rely absolutely on the accuracy and completeness of the descriptions. We have made them as complete and comprehensive as it is possible to do; they are written with the idea of giving you a working knowledge of the brushes. The brushes we describe are practical, time-tried tools. We stake our reputation on them.

NOTE: *This is a descriptive catalog only. Prices are issued separately in such a form that they can be pasted into the inside back cover of this book.*

VULCANIZED IN RUBBER STUCCO BRUSHES

WE have for many years recognized the fact that cement-set-and-nailed leather bound brushes were the weakest in construction of all modern paint brush types.

In the old days, when these brushes were made practically to order, they were used shortly after they were made, and being known to be more or less insecure they were used and kept with care so that little trouble was experienced with them.

With modern methods of distribution and buying, however, the time elapsing between the time the brushes are made and put into service has been increased because brushes are transported great distances and purchased for long periods in advance. The development of the Vulcanized in Rubber setting in other brushes and the general confidence in this method of setting have also led to carelessness or at least indifference in the use and care of cement set leather bound brushes.

Bristle, with its power of absorption, is inherently sensitive to atmospheric moisture. As it absorbs water from and gives water up to the air it is constantly swelling and shrinking so that in the course of time the elasticity of the cement is destroyed and the brush sheds and in some instances actually falls to pieces. A brush carelessly kept in water and allowed to dry out is even more likely to collapse.

Until now Vulcanized in Rubber leather bound brushes, while secure in the setting, have not been practical because it wasn't possible to retain the most desirable characteristics of the Stucco type, particularly the taper of the bristle toward the center of the brush.

In presenting to you for the first time the following Vulcanized in Rubber Leather Bound Flat Paint Brushes of the Horseshoe Brand we offer brushes which retain all of the best of the cement set type and an additional security equal to that of the popular Vulcanized in Rubber metal bound brush. They will be found to taper properly to an absolutely perfect shape.

They are all made of pure Chinese bristle, and measure full width inside the strap. The Extra Black Stucco is $\frac{1}{4}$ " oversize. We feel sure that these brushes will insure much greater satisfaction than was possible with the old style brush.

HORSESHOE BRAND BRUSHES

LEATHER BOUND FLAT PAINT BRUSHES



LEATHER BOUND FLAT PAINT BRUSHES

**EXTRA BLACK STUCCO**

Pure Black Chinese Bristle, Solid, Vulcanized in Rubber, Black Leather Bound, Slightly Oval in shape, Single Nailed, Measures $\frac{1}{4}$ " oversize in width, Lacquered Natural Handle, Black Stripe. Packed six in a box. Unusually full stock. Essentially a skilled professional painter's brush; probably the most popular stucco brush sold.

Width,	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "	5"
Length clear,	4 $\frac{1}{16}$ "	4 $\frac{1}{2}$ "	4 $\frac{3}{8}$ "	5"	5"
Weight,	6 $\frac{1}{2}$	7	8	8 $\frac{1}{2}$	9 $\frac{1}{8}$

MASTER PAINTER STUCCO

Pure Black Chinese Bristle, Solid, Vulcanized in Rubber, Black Leather Bound, Slightly Oval in Shape, Single Nailed, Lacquered Natural Handle, Black Stripe. Packed six in a box. Second only to the Extra Black Stucco. A professional's brush.

Width,	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "	5"
Length clear,	4 $\frac{3}{16}$ "	4 $\frac{7}{16}$ "	4 $\frac{11}{16}$ "	4 $\frac{11}{16}$ "	4 $\frac{13}{16}$ "
Weight,	5 $\frac{1}{4}$	6 $\frac{1}{2}$	7 $\frac{1}{2}$	8 $\frac{1}{4}$	9 $\frac{1}{8}$

TYCOON STUCCO

Pure Black Chinese Bristle, Solid, Vulcanized in Rubber, Black Leather Bound, Slightly Oval in Shape, Single Nailed, Lacquered Natural Handle, Black Stripe. Packed six in a box.

Width,	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "
Length clear,	3 $\frac{13}{16}$ "	4 $\frac{1}{16}$ "	4 $\frac{5}{16}$ "	4 $\frac{9}{16}$ "
Weight,	4 $\frac{1}{8}$	5 $\frac{1}{8}$	6 $\frac{1}{2}$	7 $\frac{1}{8}$

DUCHESS STUCCO

Pure Black Chinese Bristle, Solid, Extra Row of Bristle Set in Center, Vulcanized in Rubber, Black Leather Bound, Single Nailed, Lacquered Natural Handle, Black Stripe. Packed six in a box. A "solid center" brush.

Width,	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "
Length clear,	4"	4 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "
Weight,	5 $\frac{1}{2}$	6 $\frac{1}{4}$	7 $\frac{1}{4}$	8 $\frac{1}{4}$

NOTE—Weight given is in pounds and ounces per dozen in standard package quantities.

HORSESHOE BRAND BRUSHES

METAL BOUND FLAT PAINT BRUSHES



NOTE—The Metal Bound Flat Paint brushes described in the following pages are full width, measuring to the inside of the ferrule. They are all pure bristle brushes without horsehair or adulteration of any kind. With the exception of the very cheapest one, they are Vulcanized in Rubber.

METAL BOUND FLAT PAINT BRUSHES



BEST BLACK

Pure Black Chinese Bristle, Solid Center, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Beaver-tail Handle. Packed six in a box. As practical a professional painter's brush as it is possible to make. The Best Black is an absolute standard of Metal Bound Flat Paint brushes.

Width,	3"	3½"	4"	4½"	5"
Thickness,	1"	1"	1"	1"	1"
Length clear,	4½"	4¾"	4¾"	4¾"	4¾"
Weight,	5½	6	7½	9	10

MASTER PAINTER

Pure Black Chinese Bristle, Slightly Open Center, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Beaver-tail Handle. Packed six in a box. Second only to the Best Black. A professional painter's brush of the first grade.

Width,	3"	3½"	4"	4½"	5"
Thickness,	1½"	1½"	7"	7"	7"
Length clear,	3½"	4"	4½"	4½"	4½"
Weight,	5½	6	7	8	8½

MAJOR

Pure Black Chinese Bristle, Slightly Open Center, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Beaver-tail Handle. Packed six in a box.

Width,	3"	3½"	4"	4½"	5"
Thickness,	1½"	1½"	7"	7"	7"
Length clear,	3½"	3¾"	4"	4½"	4½"
Weight,	5½	7	7½	8½	9½

ARKAY

Pure Black Chinese Bristle, Slightly Open Center, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Beaver-tail Handle. Packed six in a box. An excellent brush for the non-professional.

Width,	3"	3½"	4"	4½"	5"
Thickness,	1½"	1½"	7"	7"	7"
Length clear,	3½"	3½"	3¾"	4"	4½"
Weight,	4	5½	6½	8	9

NOTE—Weight given is in pounds and ounces per dozen in standard package quantities.

H O R S E S H O E B R A N D B R U S H E S

METAL BOUND FLAT PAINT BRUSHES—Continued

BLACK FILLER

Pure Black Chinese Bristle, Open Center, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Beaver-tail Handle. Packed six in a box. Recommended for the amateur who wants to insure proper application when doing the occasional painting job.

Width,	2 $\frac{1}{2}$ "	3"	3 $\frac{1}{2}$ "	4"	4 $\frac{1}{2}$ "
Thickness,	$\frac{13}{16}$ "	$\frac{13}{16}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Length clear,	2 $\frac{3}{8}$ "	2 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "	3 $\frac{1}{4}$ "	3 $\frac{3}{8}$ "
Weight,	38	42	5	5 $\frac{1}{4}$	6 $\frac{1}{2}$

LEADER

Pure Black Chinese Bristle, Open Center, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Peerless Style Handle. Packed six in a box.

Width,	2 $\frac{1}{2}$ "	3"	3 $\frac{1}{2}$ "	4"
Thickness,	$\frac{13}{16}$ "	$\frac{13}{16}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "
Length clear,	2 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	3"
Weight,	3	4	4 $\frac{6}{8}$	58

CRACKERJACK

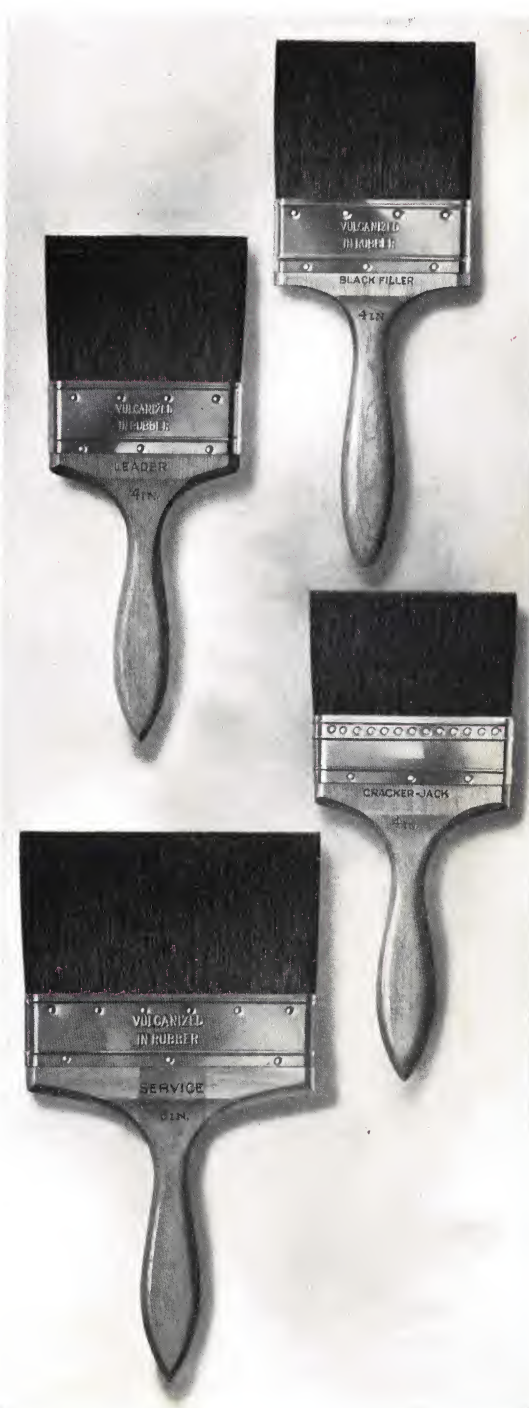
Pure Black Chinese Bristle, Open Center, Cement Set, Nickel Bound, Lacquered Natural Peerless Style Handle. Packed six in a box. A concession to the demand for a low priced Metal Bound brush. While this is a pure bristle brush of excellent value, better brushes will insure better paint application.

Width,	2 $\frac{1}{2}$ "	3"	3 $\frac{1}{2}$ "	4"
Thickness,	$\frac{13}{16}$ "	$\frac{13}{16}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "
Length clear,	2 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "
Weight,	2 $\frac{10}{10}$	38	46	5

SERVICE

Pure Black Chinese Bristle, Open Center, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Peerless Style Handle. Packed six in a box. A handy brush with an unlimited field. For painting large surfaces quickly and economically. It may also be used as a calcimine and paper hanger's paste brush.

Width,	6"
Thickness,	$\frac{7}{8}$ "
Length clear,	3 $\frac{3}{8}$ "
Weight,	8 $\frac{1}{4}$



METAL BOUND FLAT PAINT BRUSHES

Stucco Type**345 STEELBOUND**

This is a brush that combines the advantages of the Leather Bound and Metal Bound types. Pure Black Chinese Bristle, Solid, Vulcanized in Rubber, Narrow Nickered Steel Ferrule, Slightly Oval in Shape, Lacquered Natural Handle, Black Stripe. Strongly recommended for professional painters. While containing an unusual amount of stock, the *345 Steelbound* is light in weight and is splendidly balanced. It is vulcanized into a steel ferrule so that it is practically indestructible. The brush works well to the shortest stub.

Width,	3"	3½"	4"	4½"	5"
Thickness,	1 11/32"	1 7/16"	1½"	1 9/16"	1 3/8"
Length clear,	4 1/4"	4½"	4 3/4"	5"	5"
Weight,	5½	6	7½	8½	9½

HORSESHOE BRAND BRUSHES

OVAL VARNISH BRUSHES



NOTE—While generally classified as varnish brushes, those described on the following pages are equally suitable for paint application. They will be found handy in places where wider brushes, such as metal bound flat paints, are impracticable.

OVAL VARNISH BRUSHES

USEFUL

Pure Black Chinese Bristle, Open Center, Chiseled, Vulcanized in Rubber, Seamless Nickel Ferrule*, Unvarnished Beaver-tail Handle, Black Stripe. Packed six in a box. A professional painter's brush of the highest grade. Bridled if desired.

Size,	6	7	8	9	10	12
Width,	2 1/8"	2 3/8"	2 3/8"	2 1/4"	2 5/8"	2 3/8"
Length clear,	3 3/8"	4 1/8"	4 3/8"	4 1/2"	4 5/8"	4 7/8"
Weight,	5 1/2	6	6 1/4	6 3/8	7	7 1/4

MIKADO

Pure Black Chinese Bristle, Open Center, Chiseled, Vulcanized in Rubber, Seamless Nickel Ferrule, Lacquered Natural Beaver-tail Handle, Black Stripe. Packed six in a box.

Size,	1/0	2/0	3/0	4/0	5/0
Width,	1 5/8"	1 11/16"	1 3/8"	1 13/16"	1 7/8"
Length clear,	2 3/4"	3"	3 1/8"	3 1/4"	3 3/8"
Weight,	2 1/2	3	3 1/4	3 1/4	4 1/2

Size,	6/0	7/0	8/0	9/0	10/0
Width,	1 15/16"	2"	2 1/16"	2 1/8"	2 3/16"
Length clear,	3 1/2"	3 5/8"	3 3/4"	3 7/8"	3 7/8"
Weight,	4 1/8	5	5 1/8	5 1/8	6 1/2

CHESAPEAKE

Pure Black Chinese Bristle, Solid Center, Vulcanized in Rubber, Seamless Nickel Flat Oval Ferrule*, Lacquered Natural Handle, Black Stripe. Packed six in a box. A cross between the usual oval and a flat brush; has great capacity for its size. Extensively used in the industrial field.

Size,	1	2	3	4
Width oval,	2 1/8"	2 1/4"	2 1/2"	2 1/2"
Length clear,	3 1/8"	3 3/8"	3 7/8"	4 1/4"
Weight,	4 1/8	5 1/2	6	7 1/8

TRUMP

Pure Black Chinese Bristle, Solid Center, Vulcanized in Rubber, Seamless Nickel Flat Oval Ferrule, Lacquered Natural Handle, Black Stripe. Packed six in a box. Handy for general household use.

Size,	Spade	Club	Diamond	Heart
Width,	1 9/16"	1 11/16"	1 13/16"	2 1/4"
Length clear,	2 1/4"	2 1/2"	2 3/4"	3"
Weight,	1 1/2	2 1/8	2 1/4	4

*NOTE—The two shaded ovals indicate the relative shape at the ferrule of ordinary oval and flat oval varnish brushes. They are of the same scale as the illustrations adjoining them.



HORSESHOE BRAND BRUSHES

FLAT VARNISH BRUSHES



NOTE—The Flat Varnish brushes listed on the following pages are all full width, measuring to the inside of the ferrule. As the old designations, single, double, triple thick, etc., do not give a true idea of the thickness of the brush, there being no standard of thickness in the brush manufacturing industry, we have given the actual thickness, inside the ferrule, of all flat varnish brushes.

FLAT VARNISH BRUSHES

APOLLO

Pure Black Chinese Bristle, Chiseled, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Beaver-tail Handle. Packed twelve in a box. A professional painter's tool based on 75 years of trained brush making experience.

Width,	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"
Thickness,	5/8"	1 1/16"	3/4"	1 3/16"	1 3/8"	1 5/8"
Length clear,	2 5/8"	2 7/8"	3 1/8"	3 3/8"	3 5/8"	3 7/8"
Weight,	23	33	44	55	64	76

ARCADIA

Mixture of Black Chinese Bristle and White French Bristle, Chiseled, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Beaver-tail Handle. Packed twelve in a box, except the 3" and 3 1/2". Unexcelled for the application of the finest enamels.

Width,	1 1/2"	2"	2 1/2"	3"	3 1/2"
Thickness,	1/2"	9/16"	5/8"	1 1/16"	1 1/8"
Length clear,	2 1/4"	2 1/2"	2 3/4"	3"	3 1/8"
Weight,	112	27	32	46	57

XXX CHINA

Pure Black Chinese Bristle, Chiseled, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Panel Style Handle. Packed twelve in a box. A thoroughly reliable Flat Varnish brush of the popular XXX China style. There is no better brush of this type made.

Width,	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"
Thickness,	9/16"	3/4"	1 3/16"	7/8"	7/8"	7/8"
Length clear,	2 3/8"	2 5/8"	2 15/16"	3 1/16"	3 3/16"	3 5/16"
Weight,	2	31	45	56	610	8

SPAR

Pure Black Chinese Bristle, Chiseled, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Beaver-tail Handle. Packed twelve in a box, in all sizes except 3", which is packed six in a box. This brush is recommended to the amateur for natural and colored varnish application.

Width,	1 1/2"	2"	2 1/2"	3"
Thickness,	1/2"	9/16"	5/8"	1 1/16"
Length clear,	2 1/4"	2 1/2"	2 3/4"	3"
Weight,	112	210	38	44

HORSESHOE BRAND BRUSHES

FLAT VARNISH BRUSHES—Continued

CHANG

Pure Black Chinese Bristle, Chiseled, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Panel Style Handle. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Length clear,	1 $\frac{7}{8}$ "	2"	2½"	2½"	2 $\frac{5}{8}$ "
Weight,	1	18	21	2½	3½

FOUR-FIFTY

Pure Black Chinese Bristle, Chiseled, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Flat Handle. Packed twelve in a box. This brush is widely used in industrial plants, machine shops, etc. Very popular for the household trade.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{3}{8}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "	$\frac{1}{2}$ "
Length clear,	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2 $\frac{1}{8}$ "	2½"	2½"
Weight,	14	14	14	28	31

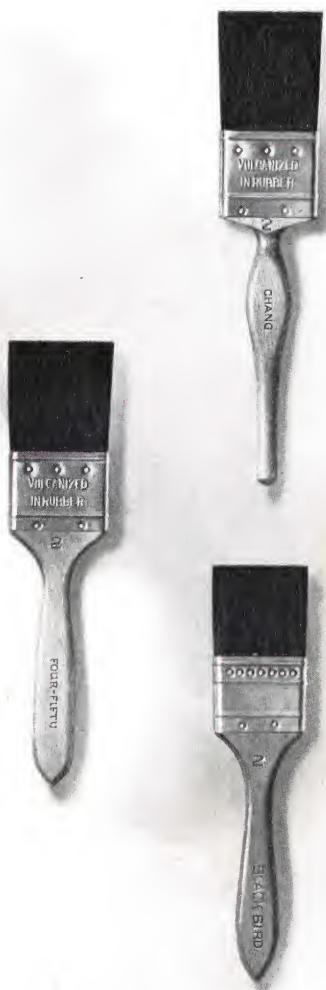
BLACK BIRD

Pure Black Chinese Bristle, Square Top, Cement Set, Tin Bound, Unvarnished Flat Handle. Packed twelve in a box. Brushes of this grade, and lower, have no justification except price. We recommend nothing of a lower grade than the Four-Fifty for the practical application of paint products.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ "
Length clear,	1 $\frac{5}{8}$ "	1 $\frac{5}{8}$ "	1 $\frac{7}{8}$ "	2"	2½"
Weight,	10	14	14	14	25

ASSORTMENTS

We make and stock at all times attractive assortments of Flat Varnish brushes in display boxes. These assortments are changed from time to time. Inquire for descriptions and prices.



SASH AND CUTTER BRUSHES



HORSESHOE BRAND BRUSHES

SASH AND CUTTER BRUSHES

GRAYSON—Flat

Mixture of Black Chinese and White French Bristle, Chiseled, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Long Half-Round Handle. Packed twelve in a box. This brush was designed for the critical master painter. A *Sash* brush in every sense, and recommended above all other sash brushes regardless of price. The best brush of its kind.

Width,	1"	1 1/2"	2"
Thickness,	7/16"	1/2"	9/16"
Length clear,	2 1/2"	2 3/8"	2 1/4"
Weight,	15	25	29

MASTER PAINTER—Flat

Pure Black Chinese Bristle, Chiseled, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Long Half-Round Handle. Packed twelve in a box.

Width,	1"	1 1/2"	2"	2 1/2"
Thickness,	7/16"	1/2"	9/16"	5/8"
Length clear,	2 1/2"	2 3/8"	2 3/8"	2 1/2"
Weight,	15	2	29	36

TYCOON—Oval

Pure Black Chinese Bristle, Chiseled, Vulcanized in Rubber, Special Seamless Nickel Ferrule, Lacquered Natural Round Handle. Packed twelve in a box.

Size,	2	3	4	5	6
Width,	1/2"	5/8"	3/4"	7/8"	1"
Length clear,	1 1/2"	1 5/8"	1 3/4"	1 7/8"	1 15/16"
Weight,	9	13	12	15	11
Size,	7	8	9	10	12
Width,	1 1/16"	1 1/8"	1 3/16"	1 1/4"	1 1/2"
Length clear,	2 1/8"	2 1/4"	2 1/4"	2 3/8"	2 3/4"
Weight,	113	115	25	29	34

ARKAY CUTTER

Pure White French Bristle, Deeply Chiseled, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Handle. Packed twelve in a box.

Width,	1"	1 1/2"	2"
Thickness,	3/8"	13/32"	7/16"
Length clear,	1 7/8"	2"	2 1/8"
Weight,	13	14	13



This brush is manufactured with a definite understanding of the needs of the sign and bulletin painter. It cuts clean sharp lines and carries plenty of color.

BRISTLE ARTIST AND FRESCO BRUSHES



EXTRA EXTRA CHISELED

Pure White French Bristle, Chiseled, Cement Set, Nickel Bound, Lacquered Natural Handle. Packed twelve in a box.

Width,	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Length clear,	$\frac{11}{16}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "
Weight,	3	4	6	10	11
Width,	$\frac{7}{8}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	
Length clear,	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	2"	
Weight,	12	15	16	2	

EXTRA EXTRA SQUARE

Same dimensions and description as Ex. Ex. Chiseled except that it is square.

MIKADO

Pure Black Chinese Bristle, Cement Set, Tin Bound, Lacquered Natural Handle. Packed twelve in a box.

Size,	2	4	6		
Width,	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	1"
Length clear,	$\frac{11}{16}$ "	$\frac{7}{8}$ "	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "
Weight,	4	6	11	12	11
Width,	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	2"	
Length clear,	$1\frac{3}{4}$ "	2"	$2\frac{1}{4}$ "	$2\frac{3}{8}$ "	
Weight,	18	2	24	212	

SUPERFINE ANGULAR

Pure White French Bristle, Angular Top, Cement Set, Tin Bound, Lacquered Natural Handle. Packed twelve in a box.

Width,	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "		
Length clear,	$\frac{7}{16} \times \frac{1}{2}$ "	$\frac{9}{16} \times \frac{5}{8}$ "	$\frac{13}{16} \times 1$ "		
Weight,	4	6	8		
Width,	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "		
Length clear,	$\frac{7}{8} \times 1\frac{1}{8}$ "	$1 \times 1\frac{1}{4}$ "	$1\frac{1}{8} \times 1\frac{3}{8}$ "		
Weight,	10	12	15		
Width,	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "		
Length clear,	$1\frac{1}{4} \times 1\frac{1}{2}$ "	$1\frac{1}{2} \times 1\frac{3}{4}$ "	$1\frac{3}{4} \times 2$ "		
Weight,	15	112	210		

SUPERFINE FLAT

Pure White French Bristle, Square Top, Cement Set, Tin Bound, Lacquered Natural Handle. Packed twelve in a box.

Width,	$\frac{1}{4}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	$1\frac{1}{2}$ "
Length clear,	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "	$2\frac{1}{8}$ "	$2\frac{5}{8}$ "
Weight,	4	6	14	15	210

HORSESHOE BRAND BRUSHES

FLAT CALCIMINE BRUSHES



FLAT CALCIMINE BRUSHES—Continued

SUPERFINE

Pure Yellow Russian Bristle Casing, Middle of Gray Russian Bristle, Vulcanized in Rubber, Galvanized Iron Bound, Unvarnished Poplar Handle. Packed three in a box. One of the best and most practical Calcimine brushes made. The bristle in this brush is carefully selected and is at all times the best of its kind obtainable. It is very carefully dressed and straightened and the brushes are made with a complete understanding of the critical demands of the professional calciminer.

Width,	7"	8"
Thickness,	$\frac{15}{16}$ "	$\frac{15}{16}$ "
Length clear,	$5\frac{1}{2}$ "	$5\frac{3}{4}$ "
Weight,	17 ¹²	19 ⁸

MASTER PAINTER

Pure Yellow Russian Bristle Casing, Middle of Gray Russian Bristle, Vulcanized in Rubber, Galvanized Iron Bound, Unvarnished Poplar Handle. Packed three in a box. These brushes are made of carefully selected bristle, which is the best of its kind obtainable. It is very carefully dressed and straightened and made with a complete understanding of the critical demands of the professional calciminer.

Width,	7"	8"
Thickness,	$\frac{15}{16}$ "	$\frac{15}{16}$ "
Length clear,	$5\frac{1}{4}$ "	$5\frac{1}{2}$ "
Weight,	17 ⁴	18 ⁸

NOTE—Every calciminer should keep two brushes in his kit. If used every other day, the brushes have an opportunity to dry out thoroughly and regain their elasticity. A brush that starts the day clean and dry will always give more satisfactory results.

Weight given is in pounds and ounces per dozen in standard package quantities.



HORSESHOE BRAND BRUSHES

FLAT CALCIMINE BRUSHES—Continued

BOSS

Pure Yellow Russian Bristle Casing, Middle of Gray Russian Bristle, Vulcanized in Rubber, Galvanized Iron Bound, Unvarnished Poplar Handle. Packed three in a box.

Width,	7"	8"
Thickness,	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Length clear,	5"	5 $\frac{1}{4}$ "
Weight,	14 ⁸	17 ⁴

NICKEL PLATE

Pure Black Chinese Bristle, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Handle. Packed three in a box.

Width,	6"	7"	8"
Thickness,	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Length clear,	4 $\frac{3}{8}$ "	4 $\frac{3}{4}$ "	4 $\frac{15}{16}$ "
Weight,	13	15 ⁸	17 ¹²

NOTE—Calcimine brushes should be carefully washed out at the end of the day and hung bristle downward to dry thoroughly. Under no circumstances should they be kept standing in calcimine or water. Avoid putting calcimine brushes into freshly mixed whitewash or so-called cold water paints that have casein as a binder, otherwise the brush will be ruined.

When decorating rough finished plaster, the calciminer will find more satisfaction and greater economy in the use of so-called Dutch Brushes, brushes better suited to that work.

Weight given is in pounds and ounces per dozen in standard package quantities.



FLAT CALCIMINE BRUSHES—Continued

BULL DOG

Pure Yellow Russian Bristle, Vulcanized in Rubber, Nickel Bound, Lacquered Natural Handle. Packed six in a box.

Width,	6"	7"	8"
Thickness,	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Length clear,	4"	$4\frac{1}{4}$ "	$4\frac{1}{2}$ "
Weight,	11 ²	13	14 ⁸

MIKADO

Pure Black Chinese Bristle, Cement Set, Nickel Bound, Lacquered Natural Handle. Packed six in a box.

Width,	6"	7"	8"
Thickness,	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Length clear,	$3\frac{3}{4}$ "	4"	$4\frac{1}{4}$ "
Weight,	11 ⁸	13	16



NOTE—There is no economy in cheap brushes. For the greatest satisfaction and best results, buy good brushes and take care of them. In reality more brushes are wasted than are actually worn out in service. Too much emphasis cannot be laid upon the necessity for a careful selection of brushes, based upon a complete knowledge of what they are expected to do, and intelligent care after the brushes are put into work. Brushes will last longer when used and cared for properly. You will find a brush suited to every purpose in this catalog.

Weight given is in pounds and ounces per dozen in standard package quantities.

HORSESHOE BRAND BRUSHES

FLAT CALCIMINE BRUSHES—Continued

BUSTER

Pure Black Chinese Bristle Casing, Middle Mixture of Black Chinese Bristle and Horsehair, Cement Set, Nickel Bound, Lacquered Natural Handle. Packed six in a box. Purely an amateur's brush.

Width,	6"	7"	8"
Thickness,	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Length clear,	$3\frac{1}{4}$ "	$3\frac{1}{2}$ "	$3\frac{3}{4}$ "
Weight,	10 ¹²	11 ¹²	14

MAPLE

Two Outside Rows of Mixed White Horsehair and Fiber, Two Middle Rows of White Fiber, Staple Driven, Brass Finished Decorated Tin Bound, Polished Natural Handle. Packed six in a box. Intended for amateur's rough work.

Width,	6"	7"	8"
Length clear,	$3\frac{5}{8}$ "	$3\frac{5}{8}$ "	$3\frac{5}{8}$ "
Weight,	9	12 ⁸	14



NOTE—A new brush should be thoroughly beaten out by hand before it is put into work. Every brush contains a few bristles that were not caught in the band or ferrule which must be removed before the brush is used. Don't keep any brush in water, it kills the life of the bristle. Under no circumstance allow the weight of the brush, dry or wet, to rest for any length of time on the bristle. This will permanently bend the bristle and render the brush totally unfit for further use.

Weight given is in pounds and ounces per dozen in standard package quantities.

DUTCH CALCIMINE BRUSHES

Stranglehold

STRANGLEHOLD

Best Grade Gray Russian Bristle, Carefully Straightened and Dressed, Vulcanized into a Special Lightweight Block that will not crack, warp or split. Lacquered natural block and handle. No. 11 has the largest capacity of any Dutch Calcimine brush of this general type—for the painter who wants the best brush he can find. The Stranglehold Dutch Calcimine is sold with this guarantee: "If it sheds a knot within six months we'll give you another brush."

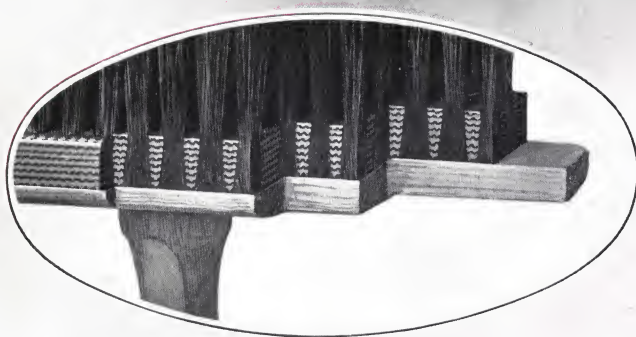
Size,	1S	3S
Dimensions,	$7\frac{3}{8}" \times 2\frac{3}{16}"$	$7\frac{3}{8}" \times 2\frac{13}{16}"$
Length clear,	$4\frac{1}{4}"$	$4\frac{1}{2}"$
Weight,	12	18 ¹²
Size,	5S	11S
Dimensions,	$7\frac{3}{8}" \times 2\frac{13}{16}"$	$7\frac{3}{4}" \times 3\frac{1}{4}"$
Length clear,	5"	5"
Weight,	20 ⁴	22 ⁶

NOTE—In addition to the Stranglehold style of Dutch Calcimine brushes described on this page we also manufacture a complete assortment of Continuous Row Dutch Calcimine brushes. If you want a catalog of these brushes, write for SUPPLEMENT A.

HORSESHOE BRAND BRUSHES

DUTCH CALCIMINE BRUSHES

Stranglehold



WHITEWASH BRUSHES

MIKADO

Pure Black Chinese Bristle, Cement Set, Extra Row Set in Center, Nickel Bound, Lacquered Natural Extension Style Block, Black Stripe. Packed six in a box.

Width,	6"	7"	8"
Thickness,	1 $\frac{1}{8}$ "	1 $\frac{1}{8}$ "	1 $\frac{1}{8}$ "
Length clear,	3 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	3 $\frac{5}{8}$ "
Weight,	7 $\frac{10}{100}$	8 $\frac{4}{100}$	11 $\frac{4}{100}$

NICKEL PLATE

Pure Black Chinese Bristle, Cement Set, Extra Row Set in Center, Nickel Bound, Lacquered Natural Extension Style Block, Black Stripe. Packed six in a box.

Width,	6"	7"	8"	9"
Thickness,	1 $\frac{1}{8}$ "	1 $\frac{1}{8}$ "	1 $\frac{1}{8}$ "	1 $\frac{1}{8}$ "
Length clear,	2 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	3"	3 $\frac{1}{8}$ "
Weight,	6 $\frac{12}{100}$	8 $\frac{4}{100}$	9 $\frac{14}{100}$	11

BLACK DIAMOND

Black Chinese Bristle Casing, Middle of Black Chinese Bristle with percentage of Horsehair and Fiber, Cement Set, Nickel Bound, Lacquered Natural Block. Packed six in a box.

Width,	6"	7"	8"
Thickness,	7 $\frac{8}{100}$ "	7 $\frac{8}{100}$ "	7 $\frac{8}{100}$ "
Length clear,	2 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "
Weight,	6 $\frac{12}{100}$	7 $\frac{4}{100}$	8 $\frac{10}{100}$

NOTE—Under no circumstances let Whitewash brushes come into contact with unslaked or partially slaked lime. The life will be burned out of the brush at once and the bristle will break off. Whitewash brushes should be carefully washed out in clear water at the end of each day and hung bristle downward to dry out thoroughly.

Weight given is in pounds and ounces per dozen in standard package quantities.



HORSESHOE BRAND BRUSHES

WHITEWASH BRUSHES—Continued

ELM

Two Outside Rows of Unbleached Horsehair, Two Center Rows of Gray Horsehair mixed with Fiber, Staple Driven, Nicked Tin Band, Polished Natural Block. Packed six in a box. When used with the Duplex handle this brush makes a handy household Calcimine brush. Handles extra.

Size,	6	7	8	9
Length clear,	3 $\frac{5}{8}$ "	3 $\frac{5}{8}$ "	3 $\frac{5}{8}$ "	3 $\frac{5}{8}$ "
Weight,	8 $\frac{1}{2}$	10 $\frac{1}{2}$	11 $\frac{1}{2}$	13

SPRUCE

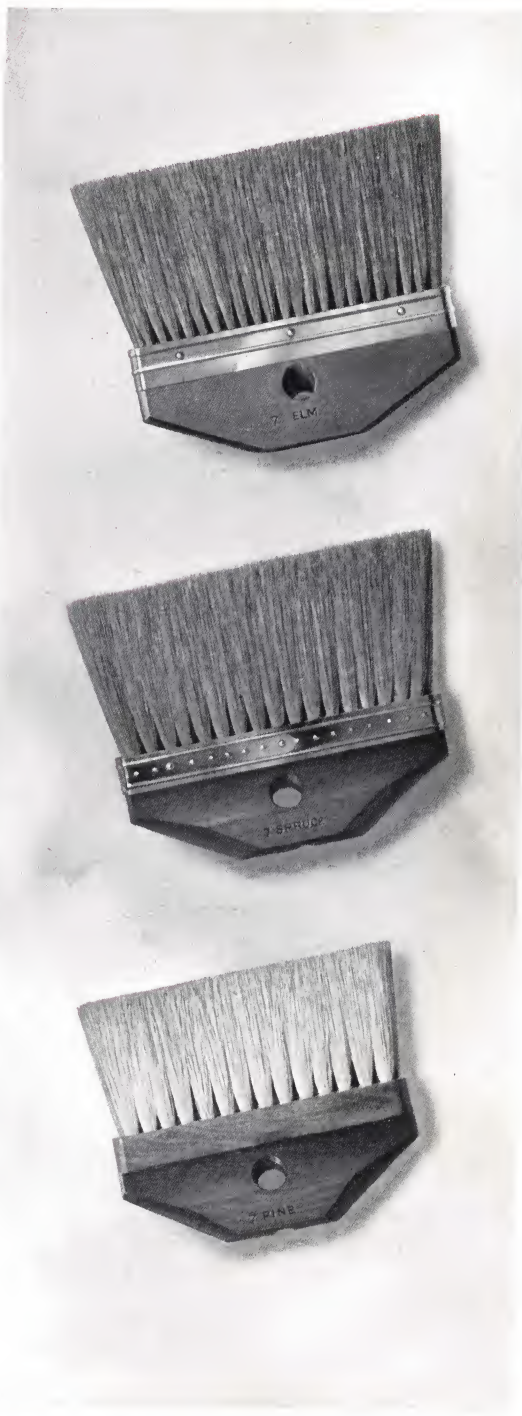
Mixture of Unbleached Horsehair and Fiber, Staple Driven, Brass Finished Decorated Tin Band, Unvarnished Natural Block. Packed six in a box.

Size,	7	8
Length clear,	3 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "
Weight,	7 $\frac{1}{2}$	8 $\frac{1}{2}$

PINE

White Tampico Fiber, Two Rows, Staple Driven, Unvarnished Natural Block. Packed twelve in a box.

Size,	6	7	8	9
Length clear,	2 $\frac{7}{8}$ "	2 $\frac{7}{8}$ "	2 $\frac{7}{8}$ "	2 $\frac{7}{8}$ "
Weight,	10 $\frac{1}{2}$	11 $\frac{1}{2}$	14	17



NOTE—No brush that is good enough to be used is cheap enough to be wasted. If brushes are thoroughly cleaned they will give satisfactory service for a long time. Whitewash brushes should be thoroughly washed out in clear water at the end of each day and hung bristle downward to dry out thoroughly.

Weight given is in pounds and ounces per dozen in standard package quantities.

SKIMMING BRUSHES

**MARBLE**

Yellow Russian Bristle, Solid, Cement Set, Black Leather Bound, Double Nailed, Lacquered Natural Trowel Handle, Black Stripe. Packed three in a box.

Width,	8"	9"
Length clear,	4 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "
Weight,	15	18

GRANITE

Gray Russian Bristle, Solid, Cement Set, Black Leather Bound, Double Nailed, Lacquered Natural Trowel Handle, Black Stripe. Packed three in a box.

Width,	8"	9"
Length clear,	4 $\frac{3}{8}$ "	4 $\frac{5}{8}$ "
Weight,	15	17 $\frac{8}{16}$

NOTE—Skimming brushes should be carefully washed out at the end of the day and hung bristle downward to dry thoroughly. A clean, dry brush is more elastic and generally satisfactory than a wet one. Under no circumstances let the weight of the brush rest on the bristle, either wet or dry, as this will permanently bend the bristle. With the bristle once bent it is impossible to straighten it again, and a brush in this condition is unfit for further use.

Too much stress cannot be laid on the necessity for workmanlike care of brushes. They not only deliver more and better work when used intelligently, but the life of the brush is materially increased.

Weight given is in pounds and ounces per dozen in standard package quantities.

H O R S E S H O E B R A N D B R U S H E S

P A I N T E R - D U S T E R S



PAINTER-DUSTERS—*Flat and Round*



STRANGLEHOLD—*Flat*

Pure Black Chinese Bristle Casing, Middle Mixture of Black Chinese Bristle, Horsehair and Fiber, Vulcanized into a special block that cannot warp or split, Lacquered Natural Round Handle. Packed six in a box.

Size	Width	Length	Weight
26	4 $\frac{1}{4}$ "	4 $\frac{1}{4}$ "	6 $\frac{1}{4}$

OAK—*Flat*

Two Outside Rows of Black Horsehair, Two Center Rows of Soft Black Fiber, Staple Driven, Varnished Natural Block. Packed six in a box.

Width	Length	Weight
4 $\frac{3}{8}$ "	3 $\frac{5}{8}$ "	5 $\frac{8}{16}$

STRANGLEHOLD—*Round*

Casing Mixture of Pure White French and German Bristle, Middle Mixture of White Russian and French Bristle with small percentage of White Horsehair, Vulcanized in Rubber in a Fiber Block, Lacquered Natural Handle. Packed six in a box.

Size	Diameter	Length	Weight
50	2 $\frac{1}{2}$ "	4"	5 $\frac{6}{16}$

ROYAL COACH—*Round*

Casing Mixture of Pure White Russian and French Bristle, Middle of Pure White French Bristle, Pitch Set, Lacquered Natural Handle. Packed six in a box.

Size	Diameter	Length	Weight
10	2 $\frac{3}{8}$ "	4"	5

WINNER—*Round*

Pure Black Chinese Bristle Casing, Middle Mixture of Black Chinese Bristle, Horsehair and Fiber, Pitch Set, Lacquered Natural Handle. Packed six in a box.

Size	Diameter	Length	Weight
2	2 $\frac{3}{8}$ "	3 $\frac{7}{8}$ "	4 $\frac{8}{16}$

NOTE—Weight given is in pounds and ounces per dozen in standard package quantities.

HORSESHOE BRAND BRUSHES

COUNTER DUSTERS

MIKADO—Round End

Pure Black Chinese Bristle, Pitch Set, Lacquered Natural Handle. Packed six in a box.

Size,	7	8	9
Number of holes,	100	106	112
Length clear,	2 $\frac{5}{8}$ "	2 $\frac{5}{8}$ "	2 $\frac{5}{8}$ "
Weight,	8 $\frac{1}{2}$	9 $\frac{1}{8}$	10

POPULAR—Flat End

Mixed White Domestic Bristle Casing, Middle of Pure Black Chinese Bristle, Pitch Set, Lacquered Natural Handle. Packed six in a box.

Size,	8	9	10
Number of holes,	50	59	65
Length clear,	2 $\frac{1}{8}$ "	2 $\frac{1}{8}$ "	2 $\frac{1}{8}$ "
Weight,	7 $\frac{1}{4}$	8	8 $\frac{1}{4}$

DIXIE—Flat End

Pure Black Chinese Bristle Casing, Middle of Gray Bristle and Horse-hair, Pitch Set, Lacquered Natural Handle. Packed six in a box.

Size,	8	9	10
Number of holes,	55	59	71
Length clear,	2 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "
Weight,	7 $\frac{1}{8}$	9 $\frac{1}{8}$	10 $\frac{1}{4}$



NOTE—Avoid moth balls, naphthalene, oils, gasoline and hot water in the care and use of pitch set brushes, otherwise the setting deteriorates rapidly and the brush will be ruined. When used as they are intended, pitch set brushes are satisfactory and economical, but special care must be used in protecting the setting; we cannot guarantee them otherwise.

Weight given is in pounds and ounces per dozen in standard package quantities.

FLOOR SWEEPS



115 STRANGLEHOLD

Black Chinese Bristle Mixed with Black Horsehair, Vulcanized in Rubber, Lacquered Natural Block. Each packed in a separate box. 54" Threaded Polished Natural Handles furnished with brushes.

Width,	12"	14"	16"	18"
Length clear,	3 $\frac{1}{8}$ "	3 $\frac{3}{8}$ "	3 $\frac{3}{4}$ "	4"
Weight,	18	22 $\frac{1}{2}$	23 $\frac{1}{4}$	30

AA

Casing of Black Chinese Bristle and Horsehair, Middle Mixture of Gray Bristle and Horsehair, Pitch Set, Lacquered Natural Block. Packed three in a box. 54" Threaded Polished Natural Handles furnished with brushes.

Width,	12"	14"	16"	18"
Length clear,	3 $\frac{1}{8}$ "	3 $\frac{1}{8}$ "	3 $\frac{1}{8}$ "	3 $\frac{1}{8}$ "
Weight,	14	19	22	24 $\frac{1}{2}$

IDEAL

Stiff Black Horsehair, Wire Drawn, Lacquered Natural Block. Packed three in a box. 54" Threaded Polished Natural Handles furnished with brushes.

Width,	12"	14"	16"	18"
Length clear,	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "	2 $\frac{3}{4}$ "
Weight,	17 $\frac{1}{2}$	20	25 $\frac{1}{4}$	27

WALNUT

Gray Horsehair, Staple Driven, Lacquered Natural Block. Packed individually, twelve in a box. 54" Threaded Polished Natural Handles furnished with brushes.

Width,	12"	14"	16"	18"
Length clear,	2 $\frac{5}{8}$ "	2 $\frac{5}{8}$ "	2 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "
Weight,	18	22 $\frac{1}{2}$	25 $\frac{1}{10}$	28 $\frac{1}{2}$

CHESTNUT

Black Fiber, Free from Coarse Stems, Staple Driven, Varnished Natural Block. Packed twelve in a box. 54" Threaded Polished Natural Handles furnished with brushes. Excellent for concrete.

Size,	12	14	16	18
Length clear,	2 $\frac{5}{8}$ "	2 $\frac{5}{8}$ "	2 $\frac{5}{8}$ "	2 $\frac{5}{8}$ "
Weight,	16	19 $\frac{1}{10}$	21 $\frac{1}{6}$	23

HORSESHOE BRAND BRUSHES

PAPER HANGERS' SMOOTHING BRUSHES

SNOWBIRD

Pure Yellow Russian Bristle, Toppy and Elastic, Single Row Set in a rigid Brass Ferrule, Vulcanized in Rubber, Lacquered Natural Block. Packed six in a box. A brush of excellent quality.

Width,	10"	12"	14"
Thickness,	$\frac{7}{16}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ "
Length clear,	$2\frac{1}{2}$ "	$2\frac{1}{2}$ "	$2\frac{1}{2}$ "
Weight,	9 ²	10	11 ¹⁰

CATBIRD

Pure Black Chinese Bristle, Toppy and Elastic, Single Row Set in a rigid Brass Ferrule, Vulcanized in Rubber, Lacquered Natural Block. Packed six in a box. A brush of excellent quality.

Width,	10"	12"	14"
Thickness,	$\frac{7}{16}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ "
Length clear,	$2\frac{1}{2}$ "	$2\frac{1}{2}$ "	$2\frac{1}{2}$ "
Weight,	10 ²	11 ⁶	12 ²

PHENIX

Pure Black Chinese Bristle, Very Stiff, Three Rows, Vulcanized into a special block that cannot crack, warp or split, Lacquered Natural Block. Packed six in a box. While this brush is very strong and stiff, the natural flag of the bristle being preserved, it can be used on soft tone papers without injuring the paper in any way. A brush of unusual merit.

Width,	12"	14"
Length clear,	$2\frac{7}{16}$ "	$2\frac{7}{16}$ "
Weight,	7 ⁶	8 ⁶

HICKORY

Best Quality Gray Horsehair, Three Rows, Staple Driven, Varnished Natural Block. Packed six in a box. A fair brush for the amateur.

Width,	10"	12"
Length clear,	2"	2"
Weight,	6	7 ⁴

ASH

Bleached White Fiber, Two Rows, Staple Driven, Varnished Natural Block. Packed six in a box.

Width,	10"	12"
Length clear,	2"	2"
Weight,	6	7 ⁶



PAPER HANGERS' PASTE BRUSHES

YOSEMITE

Mixture of Pure Gray Russian and Black Chinese Bristle, Solid, Cement Set, Leather Bound, Double Nailed, Lacquered Natural Handle, Black Stripe. Packed six in a box.

Width,	7"	8"
Length clear,	4 $\frac{1}{4}$ "	4 $\frac{1}{4}$ "
Weight,	11 $\frac{1}{8}$	12 $\frac{1}{4}$

YELLOWSTONE

Mixture of Pure Gray Russian and Black Chinese Bristle, Cement Set, Nickel Bound, Lacquered Natural Extension Handle, Black Stripe. Packed six in a box.

Width,	6"	7"	8"
Thickness,	$\frac{7}{8}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "
Length clear,	4 $\frac{1}{8}$ "	4 $\frac{1}{8}$ "	4 $\frac{1}{8}$ "
Weight,	10	12	13 $\frac{3}{8}$



NOTE—Paper hangers' Paste brushes should be carefully washed out at the end of the day and hung bristle downward to dry. The brush will give better service if it starts the day clean and dry. A water soaked brush is lifeless. It is impossible to apply paste satisfactorily with a brush that is sloppy or filled with dried paste from previous use. The most satisfactory results will be obtained by using two brushes; if used alternately they have a chance to dry out thoroughly between washings.

Care should be exercised too in the use of Smoothers, or dry brushes as some call them. At the end of each day wash them out and comb the bristle with an ordinary comb. The best of brushes will mat if neglected.

Weight given is in pounds and ounces per dozen in standard package quantities.

HORSESHOE BRAND BRUSHES

STENCIL BRUSHES

EXTRA WHITE

Pure White Russian Bristle, Flag End Preserved, Vulcanized in Rubber, Nicked Steel Ferrule, Lacquered Natural Handle. Packed twelve in a box.

Size,	60	80	100	200
Diameter,	1 $\frac{1}{16}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "
Length clear,	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "	1 $\frac{5}{8}$ "	1 $\frac{3}{4}$ "
Weight,	23	24	213	4
Size,	300	400	500	600
Diameter,	1 $\frac{3}{4}$ "	2"	2"	2 $\frac{1}{8}$ "
Length clear,	1 $\frac{7}{8}$ "	2"	2 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "
Weight,	51	6	64	75

TYCOON

Pure Black Chinese Bristle, Flag Ends Cut Back Solid, Cement Set, Nicked Steel Ferrule, Lacquered Natural Handle. Packed twelve in a box. A stiff brush.

Size,	2	4	6	8
Diameter,	1 $\frac{1}{16}$ "	1 $\frac{3}{16}$ "	1 $\frac{1}{16}$ "	1 $\frac{5}{16}$ "
Length clear,	1 $\frac{3}{16}$ "	1 $\frac{5}{16}$ "	1 $\frac{1}{16}$ "	1 $\frac{5}{16}$ "
Weight,	12	17	21	212
Size,	10	12	14	
Diameter,	1 $\frac{9}{16}$ "	1 $\frac{13}{16}$ "	2 $\frac{1}{16}$ "	
Length clear,	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	2"	
Weight,	313	412	614	

BISON

Pure Black Chinese Bristle, Flag End Preserved, Vulcanized in Rubber, Nicked Steel Ferrule, Lacquered Natural Handle. Packed twelve in a box.

Size,	60	80	100	200
Diameter,	1 $\frac{1}{16}$ "	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "
Length clear,	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "	1 $\frac{5}{8}$ "	1 $\frac{3}{4}$ "
Weight,	23	25	213	4
Size,	300	400	500	600
Diameter,	1 $\frac{3}{4}$ "	2"	2"	2"
Length clear,	1 $\frac{7}{8}$ "	2"	2 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "
Weight,	51	6	64	75



NOTE—Weight given is in pounds and ounces per dozen in standard package quantities.

GLUE AND PASTE BRUSHES

HOLLAND—Round

Gray Russian Bristle, Cement Set, Maroon Lacquered Metal Ferrule, Unvarnished Handle. Bridled with Wire. Packed twelve in a box.

Size,	12	16	20	24	28
Diameter,	$\frac{3}{4}$ "	1"	$1\frac{5}{16}$ "	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "
Length clear,	$13\frac{3}{4}$ "	21"	$21\frac{1}{2}$ "	25"	$23\frac{3}{4}$ "
Weight,	14	24	36	40	513

MIKADO—Round

Pure Black Chinese Bristle, Cement Set, Seamless Nickel Ferrule, Iron Rat-tail Handle, Black Stripe. Packed twelve in a box.

Size,	1	2	3	4	5	6
Diameter,	$\frac{11}{16}$ "	$\frac{13}{16}$ "	$\frac{3}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "
Length clear,	$17\frac{7}{8}$ "	$18\frac{1}{8}$ "	$21\frac{1}{8}$ "	$23\frac{3}{8}$ "	$25\frac{1}{8}$ "	$23\frac{3}{4}$ "
Weight,	14	15	14	111	21	210

GRAY GLUE—Flat

Gray Bristle, Vulcanized in Rubber, Nickeled Brass Ferrule, Lacquered Natural Panel Style Handle. Packed twelve in a box.

Width,	1"	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "	3"
Thickness,	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "
Length clear,	2"	21"	$21\frac{1}{2}$ "	$25\frac{1}{8}$ "	$25\frac{3}{8}$ "
Weight,	14	21	3	4	412

BANNER PASTE—Flat

Gray Bristle, Vulcanized in Rubber, Nickeled Brass Ferrule, Lacquered Natural Flat Handle. Packed twelve in a box. A splendid label brush.

Width,	1"	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "	3"
Thickness,	$\frac{3}{8}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "	$\frac{1}{2}$ "
Length clear,	$13\frac{3}{4}$ "	$17\frac{1}{8}$ "	$21\frac{1}{16}$ "	$21\frac{1}{4}$ "	$23\frac{3}{8}$ "
Weight,	13	16	2	212	38

NOTE—Weight given is in pounds and ounces per dozen in standard package quantities.

HORSESHOE BRAND BRUSHES

ROOF AND STIPPLING BRUSHES

AA ROOF

Gray Bristle Casing, Middle Mixture of Gray Horsehair and Fiber, Cement Set, Wire Ferrule, Oval in Shape, Unvarnished Poplar Block. Packed six in a box. Do not use this brush in hot tar.

Size,	2-Knot	3-Knot	4-Knot
Width,	2 $\frac{1}{4}$ "	6 $\frac{1}{4}$ "	8"
Length clear,	3 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "
Weight,	98	134	19



CYPRESS ROOF

Black Fiber, Chiseled, Staple Driven, Five Rows, Varnished Block. Packed six in a box. A good tar brush.

Size,	3	4
Width,	6"	8"
Length clear,	3 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "
Weight,	12	16

STRANGLEHOLD STIPPLER

Pure Gray Russian Bristle, Carefully Straightened, Vulcanized in a Special Block that will not warp, crack or split, Stranglehold Construction, Buffed Natural Block. Packed one in a box. Exceptionally full stock. Unquestionably the best stippler ever made. With ordinary care this brush will last a lifetime.

Size	Dimensions	Length clear	Weight
125	9 x 3 $\frac{3}{4}$ "	3 $\frac{1}{2}$ "	15



WALL STIPPLER

Pure Gray Russian Bristle, Carefully Straightened, Drawn with Brass Wire, Oiled Natural Block. Packed one in a box.

Size,	1-X	3-X
Dimensions	8 x 3"	9 $\frac{1}{8}$ x 3 $\frac{3}{4}$ "
Length clear,	3 $\frac{1}{2}$ "	3 $\frac{1}{2}$ "
Weight,	136	18



WALNUT STIPPLER

Pure Yellow Russian Bristle, Elastic, Cement Set, Tin Bound, Unvarnished Natural Handle. Packed twelve in a box.

Width,	3"	3 $\frac{1}{2}$ "	4"
Thickness,	$\frac{5}{16}$ "	$\frac{5}{16}$ "	$\frac{5}{16}$ "
Length clear,	5 $\frac{3}{4}$ "	5 $\frac{3}{4}$ "	5 $\frac{3}{4}$ "
Weight,	29	24	34

MARKING AND FURNITURE RUBBING BRUSHES

CHINA MARKING

Pure Black Chinese Bristle, Cement Set, Tin Ferrule, Unvarnished Handle. Packed one gross in a box of each size or assorted.

Size,	1	2	3	4	5	6
Diameter,	$\frac{3}{32}$ "	$\frac{5}{32}$ "	$\frac{3}{16}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{9}{32}$ "
Length clear,	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "
Weight,	3	3	4	4	5	5

EXTRA CAMEL HAIR MARKING

Imported Soft Hair, Cement Set, Tin Ferrule, Red Polished Handle. Packed one gross in a box.

Size,	1	2	3	4	5	6
Diameter,	$\frac{1}{8}$ "	$\frac{5}{32}$ "	$\frac{3}{16}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{9}{32}$ "
Length clear,	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "
Weight,	4	4	6	8	9	11

EXTRA FURNITURE RUBBING

Pure Black Chinese Bristle, Very Stiff, Drawn with Brass Wire, Unvarnished Block. Packed twelve in a box.

	3-Row	4-Row
Dimensions,	$\frac{11}{16} \times 5$ "	$\frac{7}{8} \times 5$ "
Length clear,	1"	1"
Weight,	2 $\frac{1}{4}$	2 $\frac{1}{4}$

REVERSIBLE FURNITURE RUBBING

Pure Black Chinese Bristle, Very Stiff, Drawn with Brass Wire, Unvarnished Block, Brush-part Reversible. Packed twelve in a box.

	4-Row	5-Row
Dimensions,	$1\frac{1}{4} \times 3\frac{3}{8}$ "	$1\frac{1}{4} \times 3\frac{3}{8}$ "
Length clear,	1"	1"
Weight,	1 $\frac{1}{2}$	3 $\frac{1}{2}$



NOTE—Weight given is in pounds and ounces per dozen in standard package quantities.

HORSESHOE BRAND BRUSHES

MISCELLANEOUS BRUSHES

FLOOR WAXING

All Gray Tampico Fiber, Staple Held, Polished Natural 54" Maple Handle, Made Reversible, Felt Protected Edges, Iron Weight, Durable Gray Enamel Finish. This style brush gives the greatest possible polishing surface.

Number,	440	400
Weight of Casting,	15 lbs.	25 lbs.
Size,	$9\frac{1}{4} \times 7\frac{1}{4}$ "	$9\frac{1}{4} \times 7\frac{1}{4}$ "
Length clear,	$\frac{7}{8}$ "	$\frac{7}{8}$ "



RADIATOR CLEANING

Black Horsehair, Unvarnished Maple Handle, 24 inches over all, Drawn with Brass Wire. Packed twelve in a box. Not only an excellent tool for the painter, but a handy household brush as well.

Number,	56
Length clear,	$1\frac{7}{8}$ "
Weight,	$\frac{3}{8}$



GASOLINE TUB

Pure Gray Russian Bristle, Vulcanized in Rubber, Very Stiff, Round Nickel Ferrule, Unvarnished Sash Style Handle. Packed twelve in a box. Made especially for cleaning in garages, machine shops, etc. Setting is proof against gasoline and oils.

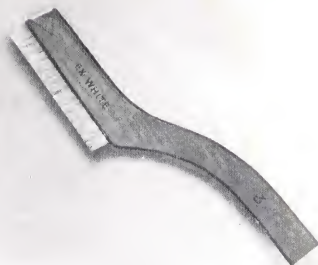
Size,	6	8	10
Diameter,	$\frac{15}{16}$ "	$1\frac{1}{16}$ "	$1\frac{1}{4}$ "
Length clear,	2"	2"	2"
Weight,	$1\frac{10}{16}$	2	$2\frac{12}{16}$



EXTRA WHITE BRICK LINER

White Mane Hair, Glue Set, Unvarnished Handle, Split Style, Tin Protected End, Black Stripe. Packed twelve in a box.

Size,	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "	3"	$3\frac{1}{2}$ "	4"
Length clear,	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "
Weight,	7	8	8	9	10	12



NOTE—Weight given is in pounds and ounces per dozen in standard package quantities.

WINDOW BRUSHES

EXTRA ROUND

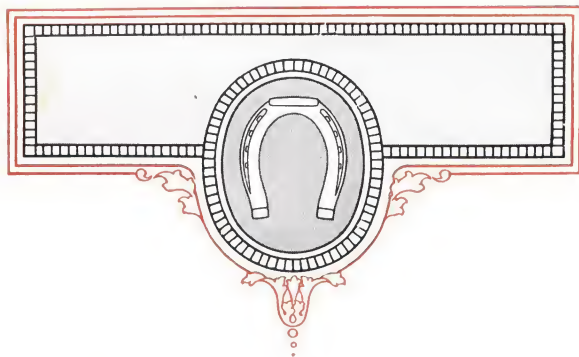
Gray Bristle with Percentage of Horsehair, Pitch Set, Lacquered Natural Round Block. One Plain Hole for Handle. Handles are not included. Packed six in a box.

Size, 23
Diameter, 4"
Length clear, $2\frac{3}{8}$ "
Weight, 12

RAVEN SPIDER

Gray Bristle with Percentage of Horsehair, Pitch Set, Lacquered Natural Block. One Plain Hole for Handle. Handles are not included. Packed six in a box.

Size, 23
Length of block, 8"
Length clear, $2\frac{5}{8}$ "
Weight, 12



FLOWING, COLOR AND ARTIST BRUSHES

FINISHING, which requires the use of flowing, color and similar brushes, is by far more exacting than general painting which demands bristle brushes only.

The Pittsburgh Plate Glass Co., with its nation-wide distribution and great laboratories for the development of modern paint and varnish finishes, is in a particularly fortunate position to obtain the best ideas of professional painters all over the country. You will find that the brushes described in detail on the following pages, the outcome of our careful study, are thoroughly reliable tools. Every brush has been proved satisfactory in practical work before it found its way into these pages.

We have been governed in the manufacture of our artist and sign-painter brushes entirely by trade demands and our desire to offer brushes that are the equal of the established standards of the world.

The line represents the highest grade of workmanship coupled with a complete knowledge of what the brushes are intended for. They are not merely a brush-maker's idea of good brushes—they are what the craftsman wants.

COLOR BRUSHES

EXTRA EXTRA SUPERIOR CAMEL HAIR

Pure Siberian Squirrel Hair, Square Top, Cement Set, Nickel Bound, Double Nailed, Lacquered Natural Handle. Packed twelve in a box.

Width,	1"	1 1/2"	2"	2 1/2"	3"
Thickness,	1 1/2"	3/8"	1 1/2"	1 1/2"	9/16"
Length clear,	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"

SUPERIOR CAMEL HAIR

Pure Siberian Squirrel Hair, Square Top, Cement Set, Nickel Bound, Single Nailed, Lacquered Natural Handle. Packed twelve in a box.

Width,	1"	1 1/2"	2"	2 1/2"	3"
Thickness,	5/16"	3/8"	7/16"	1/2"	1/2"
Length clear,	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"

EXTRA CAMEL HAIR

Pure Squirrel Hair Casing, Middle of Black Goat Hair, Square Top, Cement Set, Nickel Bound, Single Nailed, Lacquered Natural Handle. Packed twelve in a box. Not recommended for the professional painter.

Width,	1"	1 1/2"	2"	2 1/2"	3"
Thickness,	5/16"	3/8"	7/16"	1/2"	1/2"
Length clear,	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"

GOAT HAIR

Black Goat Hair, Square Top, Cement Set, Nickel Bound, Single Nailed, Lacquered Natural Handle. Packed twelve in a box.

Width,	1"	1 1/2"	2"	2 1/2"	3"
Thickness,	5/16"	1 1/2"	7/16"	7/16"	1/2"
Length clear,	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"



NOTE—If colors of heavy consistency are used, or if varnish or other binder is added, pure Camel Hair brushes will be found too soft, inelastic. The M Japan color described on page 43 is recommended for such service.

HORSESHOE BRAND BRUSHES

COLOR BRUSHES—Continued

SUPERIOR OX HAIR

Pure Ox Hair of the Finest Quality, Cement Set, Nickel Bound, Single Nailed, Lacquered Natural Handle. Packed twelve in a box. Don't confuse this brush with the ordinary cheap Ox Hair Color brush.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
Length clear,	1⅜"	1½"	1¾"	1⅞"	1½⅝"

EXTRA OX HAIR

Pure Ox Hair Casing, Middle of Imitation Ox Hair, Chiseled, Cement Set, Nickel Bound, Single Nailed, Lacquered Natural Handle. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
Length clear,	1⅜"	1½"	1¾"	1⅞"	1½⅝"

M JAPAN

Mixture of Pure Squirrel Hair and Ox Hair, Square Top, Cement Set, Nickel Bound, Single Nailed, Lacquered Natural Mottler Type Handle. Packed twelve in a box. Especially designed for the modern automobile finisher; made with a complete understanding of the automobile finisher's requirements.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{3}{8}$ "
Length clear,	1½⅞"	1⅜⅞"	1½⅞"	1⅞⅞"	1½"

H JAPAN

Mixture of Pure Squirrel Hair and Ox Hair, Square Top, Cement Set, Nickel Bound, Single Nailed, Lacquered Natural Mottler Type Handle. Stiffer than the M Japan. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
Length clear,	1½⅞"	1⅜⅞"	1½⅞"	1⅞⅞"	1½"



NOTE—Keep your Color brushes suspended in turpentine to a depth of ¼" above the bottom of the ferrule.

MIRROR AND MOTTLING BRUSHES



CAMEL HAIR MIRROR

Pure Squirrel Hair, Square Top, Vulcanized in Rubber, Nickel Bound, Single Nailed, Lacquered Natural Handle. Packed twelve in a box. For shellacking mirror backs. Setting not affected by shellac.

Width, 4"
Thickness, $\frac{19}{32}$ "
Length clear, $1\frac{7}{8}$ "

SUPERIOR CAMEL HAIR MOTTLING

Pure Siberian Squirrel Hair, Square Top, Cement Set, Nickel Bound, Single Nailed, Lacquered Natural Handle. Packed twelve in a box.

Width, 1" $1\frac{1}{2}$ " 2" $2\frac{1}{2}$ " 3"
Thickness, $\frac{1}{4}$ " $\frac{5}{16}$ " $\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{7}{16}$ "
Length clear, $\frac{15}{16}$ " $1\frac{1}{16}$ " $1\frac{1}{8}$ " $1\frac{1}{4}$ " $1\frac{3}{8}$ "

GOAT HAIR MOTTLING

Black Goat Hair, Square Top, Cement Set, Nickel Bound, Single Nailed, Lacquered Natural Handle. Packed twelve in a box.

Width, $\frac{1}{2}$ " $\frac{3}{4}$ " 1" $1\frac{1}{2}$ "
Thickness, $\frac{3}{16}$ " $\frac{3}{16}$ " $\frac{1}{4}$ " $\frac{5}{16}$ "
Length clear, $\frac{7}{8}$ " $\frac{15}{16}$ " 1" $1\frac{1}{8}$ "

Width, 2" $2\frac{1}{2}$ " 3"
Thickness, $\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{7}{16}$ "
Length clear, $1\frac{1}{4}$ " $1\frac{3}{8}$ " $1\frac{1}{2}$ "



NOTE—"Soft Hair" brushes are particularly susceptible to the ravages of the common clothes moth. Keep naphthalene or some similar preventative with such brushes at all times.

H O R S E S H O E B R A N D B R U S H E S

FITCH FLOWING BRUSHES

SUPERIOR D C FITCH

Pure Eastern Skunk Hair, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	¾"	1⅜"	1⅞"	1⅝"	1"
Length clear,	1⅜"	1½"	1⅝"	1¾"	1⅞"

SUPERIOR S C FITCH

Pure Eastern Skunk Hair, Chiseled, Glue Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	⅝"	1⅜"	1⅜"	1⅞"	1⅝"
Length clear,	1¼"	1⅜"	1½"	1⅝"	1¾"

ELASTIC T C FITCH

Mixture of Pure Eastern Skunk Hair and Black Chinese Bristle, Chiseled, Glue Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box. The furniture finisher's brush.

Width,	1"	1½"	2"	2½"	3"
Thickness,	⅞"	1"	⅞"	⅝"	1⅞"
Length clear,	1⅜"	1½"	1⅝"	1¾"	1⅞"

ELASTIC D C FITCH

Mixture of Pure Eastern Skunk Hair and Black Chinese Bristle, Chiseled, Glue Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	¾"	1⅜"	1⅞"	1⅝"	1"
Length clear,	1¼"	1⅜"	1½"	1⅝"	1¾"

NOTE—Keep your Flowing brushes suspended, preferably in the varnish in which they are being used, to a depth of ¼" above the bottom of the ferrule. Under no condition let them rest on the bottom of the container.



FITCH FLOWING BRUSHES—Continued

ELASTIC S C FITCH

Mixture of Pure Eastern Skunk Hair and Black Chinese Bristle, Chiseled, Glue Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "
Length clear,	1¼"	1¾"	1 $\frac{7}{16}$ "	1½"	1¾"

EXTRA T C FITCH

Mixture of Pure Eastern Skunk Hair and Black Chinese Bristle, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1½"	2"	2½"	3"
Thickness,	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Length clear,	1 $\frac{5}{8}$ "	1¾"	1 $\frac{7}{8}$ "	2"

EXTRA D C FITCH

Mixture of Pure Eastern Skunk Hair and Black Chinese Bristle, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{3}{8}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "	$\frac{1}{2}$ "
Length clear,	1¾"	1½"	1 $\frac{5}{8}$ "	1¾"	1 $\frac{7}{8}$ "

EXTRA S C FITCH

Mixture of Pure Eastern Skunk Hair and Black Chinese Bristle, Chiseled, Glue Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{7}{16}$ "
Length clear,	1¼"	1¾"	1½"	1 $\frac{5}{8}$ "	1¾"

NOTE—Don't condemn new brushes if they shed a few hairs when first put in use. Beat out the loose hair or bristle before putting the brushes into your paint or varnish.

HORSESHOE BRAND BRUSHES

BADGER FLOWING BRUSHES

SUPERIOR T C BADGER

Pure Badger Hair, Chiseled, Glue Set, Tin Bound, Double Nailed, Round Lacquered Natural Tip. Packed twelve in a box.

Width,	1½"	2"	2½"	3"
Thickness,	⅜"	⅞"	1½"	1"
Length clear,	1½"	1⅝"	1¾"	1¾"

SUPERIOR D C BADGER

Pure Badger Hair, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	⅝"	⅞"	1⅜"	1½"	1⅝"
Length clear,	1⅜"	1½"	1⅝"	1¾"	1⅞"

SUPERIOR S C BADGER

Pure Badger Hair, Chiseled, Glue Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	⅝"	⅞"	1⅜"	1½"	1⅝"
Length clear,	1⅜"	1½"	1⅝"	1¾"	1⅞"

ELASTIC T C BADGER

Pure Badger Casing, Middle Mixture of Badger and Pure White French Bristle, Chiseled, Cement Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1½"	2"	2½"	3"
Thickness,	1"	⅞"	⅝"	1⅞"
Length clear,	1⅝"	1¾"	1⅞"	2"

ELASTIC D C BADGER

Pure Badger Casing, Middle Mixture of Badger and Pure White French Bristle, Chiseled, Cement Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	⅜"	⅞"	1"	1⅝"	1"
Length clear,	1½"	1⅝"	1¾"	1⅞"	2"

NOTE—Our Superior Badger brushes are made of the finest Badger obtainable, but should be purchased only when the limitations of their use are thoroughly understood.



BADGER FLOWING BRUSHES—Continued

ELASTIC S C BADGER

Pure Badger Casing, Middle Mixture of Badger and Pure White French Bristle, Chiseled, Cement Set, Tin Bound, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "
Length clear,	$\frac{13}{8}$ "	$\frac{11}{2}$ "	$\frac{15}{8}$ "	$\frac{13}{4}$ "	$\frac{17}{8}$ "

EXTRA T C BADGER

Pure Badger Casing, Middle Mixture of White Skunk Hair and Pure White French Bristle, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Length clear,	$\frac{11}{2}$ "	$\frac{15}{8}$ "	$\frac{13}{4}$ "	$\frac{115}{16}$ "	$\frac{21}{8}$ "

EXTRA D C BADGER

Pure Badger Casing, Middle Mixture of White Skunk Hair and White French Bristle, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{3}{8}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "	$\frac{1}{2}$ "
Length clear,	$\frac{11}{2}$ "	$\frac{15}{8}$ "	$\frac{13}{4}$ "	$\frac{17}{8}$ "	$\frac{21}{8}$ "

EXTRA S C BADGER

Pure Badger Casing, Middle Mixture of White Skunk Hair and White French Bristle, Chiseled, Glue Set, Tin Bound, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "
Length clear,	$\frac{13}{8}$ "	$\frac{11}{2}$ "	$\frac{15}{8}$ "	$\frac{13}{4}$ "	$\frac{17}{8}$ "

NOTE—For general finishing purposes the Elastic Badger Flowing brush will be found vastly superior to the Extra or even the Superior, the latter, a pure Badger Hair brush, is scarcely elastic enough.



HORSESHOE BRAND BRUSHES

CAMEL HAIR AND OX HAIR FLOWING BRUSHES

SUPERIOR T C CAMEL HAIR

Pure Squirrel Hair, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Length clear,	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "	$1\frac{7}{8}$ "

SUPERIOR D C CAMEL HAIR

Pure Squirrel Hair, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{3}{8}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "	$\frac{1}{2}$ "
Length clear,	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "

SUPERIOR S C CAMEL HAIR

Pure Squirrel Hair, Chiseled, Glue Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "
Length clear,	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "

SUPERIOR D C OX HAIR

Pure Ox Hair, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{3}{8}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "	$\frac{1}{2}$ "
Length clear,	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{3}{4}$ "	$1\frac{7}{8}$ "	$1\frac{15}{16}$ "

SUPERIOR S C OX HAIR

Pure Ox Hair, Chiseled, Glue Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1½"	2"	2½"	3"
Thickness,	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "
Length clear,	$1\frac{5}{16}$ "	$1\frac{7}{16}$ "	$1\frac{9}{16}$ "	$1\frac{11}{16}$ "	$1\frac{13}{16}$ "



NOTE—The word “superior” in connection with our Color or Flowing brushes indicates that the hair used is free of any substitute or adulteration and is of the finest quality obtainable.

OX HAIR AND SABLE FLOWING BRUSHES

EXTRA T C OX HAIR

Pure Ox Hair Casing, Middle of Imitation Ox Hair, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1 1/2"	2"	2 1/2"	3"
Thickness,	7/16"	1/2"	9/16"	5/8"	11/16"
Length clear,	1 3/8"	1 1/2"	1 3/4"	1 7/8"	1 15/16"

EXTRA D C OX HAIR

Pure Ox Hair Casing, Middle of Imitation Ox Hair, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1 1/2"	2"	2 1/2"	3"
Thickness,	3/8"	13/32"	7/16"	15/32"	1/2"
Length clear,	1 3/8"	1 1/2"	1 3/4"	1 7/8"	1 15/16"

EXTRA S C OX HAIR

Pure Ox Hair Casing, Middle of Imitation Ox Hair, Chiseled, Glue Set, Tin Bound, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1 1/2"	2"	2 1/2"	3"
Thickness,	5/16"	11/32"	13/32"	7/16"	15/32"
Length clear,	1 5/16"	1 7/16"	1 9/16"	1 11/16"	1 13/16"

SUPERIOR D C SABLE

Pure Civet Hair, Chiseled, Glue Set, Tin Bound, Double Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	1 1/2"	2"	2 1/2"	3"
Thickness,	3/8"	13/32"	7/16"	15/32"	1/2"
Length clear,	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"

NOTE—Don't condemn a brush if it does not give expected results. You may not have purchased the one best suited to your needs. Bring your problems to us, we'll gladly help you solve them.

HORSESHOE BRAND BRUSHES

LACQUERING BRUSHES

SUPERIOR C H ROUND

Pure Siberian Squirrel Hair, Cement Set, Tin Bound, Polished Black Handle. Packed twelve in a box.

Size,	1	2	3	4
Diameter,	$\frac{4}{32}$ "	$\frac{5}{32}$ "	$\frac{6}{32}$ "	$\frac{7}{32}$ "
Length clear,	$\frac{11}{16}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"
Size,	5	6		
Diameter,	$\frac{8}{32}$ "	$\frac{10}{32}$ "		
Length clear,	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "		

SUPERIOR C H FLAT

Pure Siberian Squirrel Hair, Cement Set, Tin Bound, Polished Black Handle. Packed twelve in a box.

Width,	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length clear,	$\frac{8}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "

OX HAIR ROUND

Pure Ox Hair, Cement Set, Tin Bound, Polished Black Handle. Packed twelve in a box.

Size,	1	2	3	4
Diameter,	$\frac{4}{32}$ "	$\frac{5}{32}$ "	$\frac{6}{32}$ "	$\frac{7}{32}$ "
Length clear,	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "
Size,	5	6		
Diameter,	$\frac{8}{32}$ "	$\frac{10}{32}$ "		
Length clear,	$1\frac{1}{16}$ "	$1\frac{3}{16}$ "		

OX HAIR FLAT

Pure Ox Hair, Cement Set, Tin Bound, Polished Black Handle. Packed twelve in a box.

Width,	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Length clear,	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "
Width,	$\frac{7}{8}$ "	1"			
Length clear,	1"	$1\frac{1}{8}$ "			



NOTE—Although they are called Lacquering brushes, they have many other uses. They will be found especially useful in fine bronzing work.

“Camel Hair” is the trade name for squirrel.

ONE STROKE BRUSHES



RED SABLE

Pure Kolinsky Hair, Cement Set, Nickel Ferrule, Polished Black Handle. Packed twelve in a box.

Width,	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
Length clear,	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{1\frac{1}{2}}{16}$ "
Width,	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length clear,	1"	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "

BLACK SABLE

Pure Civet Hair, Cement Set, Nickel Ferrule, Polished Black Handle. Packed twelve in a box.

Width,	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
Length clear,	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Width,	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length clear,	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "

OX HAIR

Pure Ox Hair, Cement Set, Nickel Ferrule, Polished Black Handle. Packed twelve in a box.

Width,	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
Length clear,	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Width,	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length clear,	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "

CAMEL HAIR

Pure Siberian Squirrel Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Width,	$\frac{1}{8}$ "	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
Length clear,	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{8}$ "
Width,	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Length clear,	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "

NOTE—The most critical sign writer will be unable to find fault with these brushes. No attempt has been made to sacrifice quality in material or workmanship for price.

HORSESHOE BRAND BRUSHES

LETTERING BRUSHES

RED SABLE

Pure Kolinsky Hair, Cement Set Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	$\frac{11}{16}$ "	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "
Size,	5	6	7	8
Length clear,	$\frac{15}{16}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "
Size,	9	10	11	12
Length clear,	$1\frac{5}{32}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{5}{16}$ "

BLACK SABLE

Mixture of Kolinsky, dyed black, and Marten Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"
Size,	5	6	7	8
Length clear,	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "
Size,	9	10	11	12
Length clear,	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "

OX HAIR

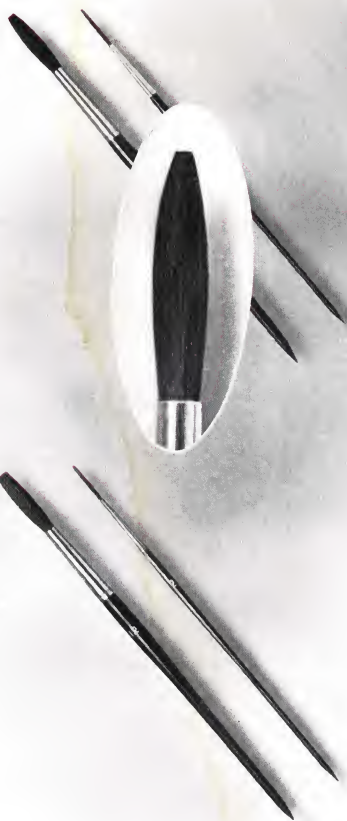
Pure Ox Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"
Size,	5	6	7	8
Length clear,	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "
Size,	9	10	11	12
Length clear,	$1\frac{5}{16}$ "	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "

CAMEL HAIR

Pure Siberian Squirrel Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "
Size,	5	6	7	8
Length clear,	$1\frac{1}{32}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "
Size,	9	10	11	12
Length clear,	$1\frac{9}{32}$ "	$1\frac{5}{16}$ "	$1\frac{11}{32}$ "	$1\frac{3}{8}$ "



RIGGERS, SHOW CARD AND STRIPING BRUSHES

RED SABLE RIGGERS

Pure Kolinsky Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	$\frac{1}{2}$ "	$\frac{1\frac{7}{8}}{32}$ "	$\frac{9}{16}$ "	$\frac{13}{32}$ "
Size,	5	6	7	8
Length clear,	$\frac{3}{4}$ "	$\frac{25}{32}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "
Size,	9	10	11	12
Length clear,	$\frac{29}{32}$ "	$\frac{15}{16}$ "	$\frac{31}{32}$ "	1"

RED SABLE SHOW CARD WRITER

Pure Kolinsky Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

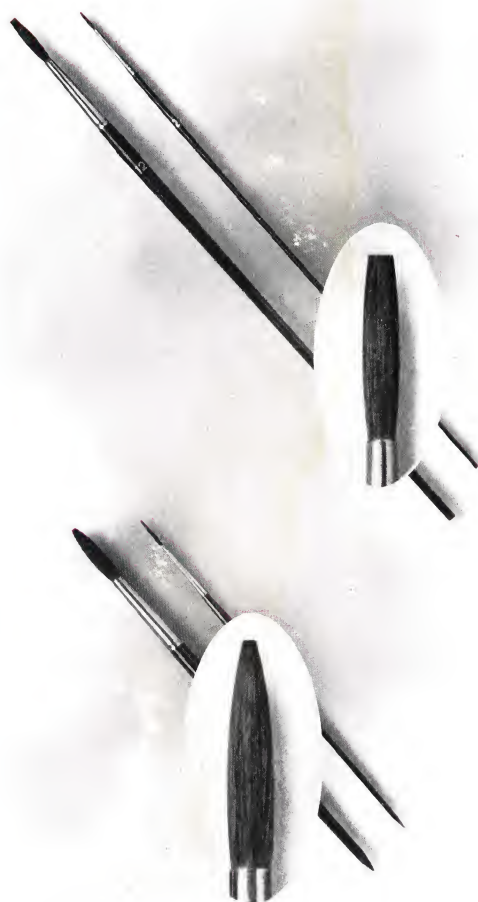
Size,	1	2	3	4
Length clear,	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "	$\frac{11}{16}$ "
Size,	5	6	7	8
Length clear,	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "
Size,	9	10	11	12
Length clear,	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "

OX HAIR STRIPING

Pure Ox Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	$1\frac{3}{4}$ "	$1\frac{3}{4}$ "	2"	2"
Size,	5	6	7	8
Length clear,	2"	2"	2"	2"
Size,	9	10	11	12
Length clear,	2"	2"	2"	2"

NOTE—In the illustrations an effort has been made to show these brushes as in work. They are all photographed and engraved on the same scale so that a comparison of size is possible. Pencil goods such as those on this page have been illustrated with one small and one large brush and wherever possible a full-size view of the hair, showing the form of the brush, has been given.



HORSESHOE BRAND BRUSHES

STRIPING BRUSHES

BLACK SABLE

Mixture of Kolinsky, dyed black, and Marten Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	1 $\frac{3}{4}$ "	1 $\frac{3}{4}$ "	2"	2"
Size,	5	6	7	8
Length clear,	2"	2"	2"	2"
Size,	9	10	11	12
Length clear,	2"	2"	2"	2"

CAMEL HAIR

Pure Siberian Squirrel Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	1 $\frac{3}{4}$ "	1 $\frac{3}{4}$ "	2"	2"
Size,	5	6	7	8
Length clear,	2"	2"	2"	2"
Size,	9	10	11	12
Length clear,	2"	2"	2"	2"

CAMEL HAIR DAGGER

Pure Siberian Squirrel Hair, Cement Set, Brass Wire Bound, Imitation Cedar Handle. Mounted on cardboard in assorted sizes from 00 to 4 or 1 to 4.

Size,	00	0	1
Width,	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "
Length clear,	2"	2"	2 $\frac{1}{4}$ "
Size,	2	3	4
Width,	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
Length clear,	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "

CAMEL HAIR SWORD

Pure Siberian Squirrel Hair, Cement Set, Nickel Ferrule, Imitation Cedar Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "

NOTE—The cost of these small brushes should be the last consideration in their purchase, as in their manufacture.



ARTIST, BRIGHTS AND WATER COLOR BRUSHES



RED SABLE ARTIST—*Round or Flat*

Pure Kolinsky Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	$\frac{9}{32}$ "	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{3}{8}$ "
Size,	5	6	7	8
Length clear,	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "	$\frac{1}{2}$ "
Size,	9	10	11	12
Length clear,	$\frac{17}{32}$ "	$\frac{9}{16}$ "	$\frac{19}{32}$ "	$\frac{5}{8}$ "

RED SABLE BRIGHTS

Pure Kolinsky Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	1	2	3	4
Length clear,	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{9}{32}$ "	$\frac{5}{16}$ "
Size,	5	6	7	8
Length clear,	$\frac{11}{32}$ "	$\frac{3}{8}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "
Size,	9	10	11	12
Length clear,	$\frac{15}{32}$ "	$\frac{1}{2}$ "	$\frac{17}{32}$ "	$\frac{9}{16}$ "

RED SABLE WATER COLOR—*English Sizes*

Pure Kolinsky Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	00	0	1	2	3
Length clear,	$\frac{7}{16}$ "	$\frac{1}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{5}{8}$ "
Size,	4	5	6	7	8
Length clear,	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"
Size,	9	10	11	12	
Length clear,	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	

HORSESHOE BRAND BRUSHES

WATER COLOR AND SIGN WRITER BRUSHES

RED SABLE WATER COLOR—

French Sizes

Pure Kolinsky Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

Size,	00	0	1	2	3
Length clear,	$\frac{1}{4}"$	$\frac{1}{4}"$	$\frac{5}{16}"$	$\frac{3}{8}"$	$\frac{7}{16}"$
Size,	4	5	6	7	8
Length clear,	$\frac{1}{2}"$	$\frac{9}{16}"$	$\frac{5}{8}"$	$\frac{11}{16}"$	$\frac{3}{4}"$
Size,	9	10	11	12	
Length clear,	$\frac{13}{16}"$	$\frac{7}{8}"$	$\frac{15}{16}"$	1"	

CAMEL HAIR WATER COLOR

—English Sizes

Pure Siberian Squirrel Hair, Cement Set, Nickel Ferrule, Black Polished Handle. Packed twelve in a box.

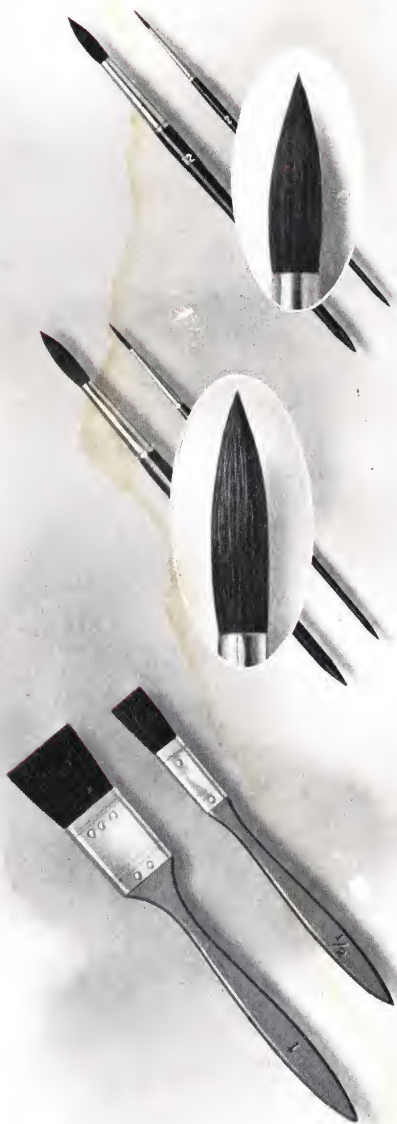
Size,	00	0	1	2	3
Length clear,	$\frac{7}{16}"$	$\frac{7}{16}"$	$\frac{1}{2}"$	$\frac{9}{16}"$	$\frac{5}{8}"$
Size,	4	5	6	7	8
Length clear,	$\frac{3}{4}"$	$\frac{13}{16}"$	$\frac{7}{8}"$	$\frac{15}{16}"$	1"
Size,	9	10	11	12	
Length clear,	$1\frac{1}{16}"$	$1\frac{1}{8}"$	$1\frac{3}{16}"$	$1\frac{1}{4}"$	

BLACK SABLE SIGN WRITER

Pure Civet Hair, Chiseled. Cement Set, Nickel Ferrule, Single Nailed. Lacquered Natural Handle. Packed twelve in a box.

Width,	$\frac{1}{4}"$	$\frac{3}{8}"$	$\frac{1}{2}"$	$\frac{5}{8}"$	$\frac{3}{4}"$
Length clear,	$\frac{3}{4}"$	$\frac{13}{16}"$	$\frac{7}{8}"$	$\frac{15}{16}"$	1"
Width,	$\frac{7}{8}"$	1"	$1\frac{1}{4}"$	$1\frac{1}{2}"$	
Length clear,	$1\frac{1}{16}"$	$1\frac{1}{8}"$	$1\frac{1}{4}"$	$1\frac{1}{2}"$	

NOTE—The degree of perfection found in these brushes has been influenced by the criticism of the brush user. Suggestions from the practical man are not only welcome but invited.



SIGN WRITER, MUSLIN FLOWING AND BRONZING BRUSHES



OX HAIR SIGN WRITER

Pure Ox Hair, Chiseled, Cement Set, Nickel Ferrule, Single Nailed, Lacquered Natural Handle. Packed twelve in a box.

Width,	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Length clear,	$\frac{13}{16}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "

Width,	$\frac{7}{8}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "
Length clear,	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "

FITCH SIGN WRITER

Pure Black Eastern Skunk Hair, Chiseled, Cement Set, Nickel Ferrule, Single Nailed, Lacquered Natural Handle. Packed twelve in a box.

Width,	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "
Length clear,	$\frac{3}{4}$ "	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{15}{16}$ "	1"

Width,	$\frac{7}{8}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "
Length clear,	$1\frac{1}{16}$ "	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "

BLACK SABLE MUSLIN

Pure Civet Hair, Square Top, Glue Set, Flowing Style, Brass Ferrule, Single Nailed, Lacquered Natural Tip. Packed twelve in a box.

Width,	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "	3"
Length clear,	$1\frac{1}{8}$ "	$1\frac{3}{16}$ "	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "

GOAT HAIR BRONZING

Pure Brown Goat Hair, Chiseled, Cement Set, Tin Bound, Single Nailed, Plain Unvarnished Half-Round Handle. Packed twelve in a box.

Width,	1"	$1\frac{1}{2}$ "	2"	$2\frac{1}{2}$ "	3"
Length clear,	$1\frac{1}{4}$ "	$1\frac{3}{8}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$1\frac{3}{4}$ "

HORSESHOE BRAND BRUSHES

INDEX

A ngular Fresco	18	Flat Artist, Sable	56
Artist, Bristle	18	Flat Calcimine	19-23
Artist, Sable	56	Flat Fresco	18
Assortments, Flat Varnish	15	Flat Glue	36
Automobile	See Supplement B	Flat Lacquer	51
B adger Flowing	47, 48	Flat Paint, Leather Bound	5, 6
Bench Dusters	31	Flat Paint, Metal Bound	7-10
B lack Sable:		Flat Painter-Dusters	29, 30
Lettering	53	Flat Paste	36
Muslin	58	Flat Sash	16, 17
Sign Writers	57	Flat Varnish	13-15
Striping	55	Floor Sweeps	32
Brick Liners	39	Floor Waxing	39
Bristle, Artist	18	F lowing:	
Bristle, Marking	38	Badger	47, 48
Bronzing	58	Camel Hair	49
Brooms, Bristle, Floor	32	Fitch	45, 46
Bulletin Cutter	16, 17	Ox Hair	49, 50
C alcimine, Dutch or German	24, 25	Sable	50
Calcimine, Flat	19-23	Fresco, Angular	18
Camel Hair:		Fresco, Flat	18
Color	42, 43	Furniture Rubbing	38
Flowing	49	G asoline Tub	39
Lacquering	51	Glue, Flat	36
Lettering	53	Glue, Round	36
Marking	38	G oat Hair:	
Mirror	44	Bronzing	58
Mottling	44	Color	42
One Stroke	52	Mottling	44
Striping	55	J apan Color	43
Striping, Dagger	55	K alsomine, see Calcimine	19-23
Striping, Sword	55	Knotted Roof	37
Water Color	57	L acquering:	
Cleaning Radiator	39	Flat	51
C olor:		Round	51
Camel Hair	42	Leather Bound Flat Paints	5, 6
Goat Hair	42	L ettering:	
Ox Hair	43	Camel Hair	53
Japan	43	Ox Hair	53
Counter Dusters	31	Sable	53
Cutter, Bulletin	17	Liners, Brick	39
Cutter, Sash or Trim	17	M arking, Bristle	38
D agger Striping	55	Marking, Camel Hair	38
Dusters, Counter	31	Masons' Skimming	28
Dusters, Painter	30	Metal Bound Flat Paint	7-10
Dutch Calcimine	24, 25	Metal Bound Flat Paint, Stucco Type	10
F inishing, Automobile	See Supplement B	Mirror	44
Fitches, Bristle	18	M ottling:	
Fitch Flowing	45, 46	Camel Hair	44
Flat Artist, Bristle	18	Goat Hair	44

INDEX—Continued

One Stroke:

Camel Hair	52
Ox Hair	52
Sable	52
Oval Sash	16, 17
Oval Varnish and Paint	11, 12
Ox Hair:	
Color	43
Flowing	49, 50
Lacquering	51
Lettering	53
One Stroke	52
Sign Writers	58
Striping	54

Paint:

Flat	5-10
Leather Bound	5, 6
Metal Bound	7-10
Oval	11, 12
Painter-Dusters, Flat	29, 30
Painter-Dusters, Round	29, 30
Paper Hangers' Paste	34
Paper Hangers' Smoothing	33
Paste	36
Plasterers' Skimming	28
Polishing, Floor	39

Radiator, Bronzing	58
Radiator Cleaning	39

Red Sable:

Artist	56
Lettering	53
One Stroke	52
Riggers	54
Water Color	56, 57
Riggers, Red Sable	54
Roof, Knotted	37
Roof, Staple Driven	37
Rubbing, Furniture	38

Sash, Flat	16, 17
Sash, Oval	16, 17
Show Card Writers, Red Sable	54

Sign Writers:

Fitch	58
Ox Hair	58
Sable	57
Skimming	28
Smoothing, Paper Hangers'	33
Steelbound Stucco	10
Stencil	35
Stippling, Wall	37
Stippling, Walnut	37

Striping:

Brick	39
Camel Hair	55
Dagger	55
Ox Hair	54
Sable	55
Sword	55
Stucco, Leather Bound	5, 6
Stucco, Metal Bound	10
Sweeps, Floor	32
Sword, Striping	55

Trimming, Flat	16, 17
Trimming, Oval	16, 17
Tub, Gasoline	39

Varnish, Flat	13-15
Varnish, Oval	11, 12

Wall Paint	5-10
Wall Stipplers	37
Walnut Stipplers	37

Water Color:

Camel Hair	57
Sable	56, 57
Waxing, Floor	39
Window Washers	40
Whitewash	26, 27



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